| Ref<br># | Hits   | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|--|--------------------|---------------------|---------|------------------|
| L1       | 6      | gui and (columns with rows) and (edge with (vertex or vertices)) and "715"/\$.cds.                           | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/01/15 19:06 |
| L2       | 10     | (grid with (comput\$3 or network)) and (hierarch\$4 with service) and "715"/\$.cds.                          | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/01/15 19:06 |
| L3       | 6      | (parallel with processing) and (hierarch\$4 with service) and stor\$3 and nodes and grid and "715"/\$.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/01/15 19:06 |
| L4       | 21     | (distributed with computing) and (hierarch\$4 with service) and stor\$3 and nodes and grid and "715"/\$.cds. | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/01/15 19:07 |
| L5       | 16     | network with (grid with nodes) and "715"/\$.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/01/15 19:07 |
| L6       | 61     | network with (graph or GUI or chart) with hierarch\$4 and "715"/\$.cds.                                      | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/01/15 19:08 |
| L7       | 7      | network same (graph or GUI or chart) with hierarch\$4 same query and "715"/\$.ccls.                          | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/01/15 19:08 |
| L8       | 55     | (grid near3 network) and ((graph or GUI or chart or interface) with hierarch\$4) not (L7 or L6)              | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/01/15 19:08 |
| L9       | 168    | (I1 or I2 or I3 or I4 or I5 or I6 or I7 or I8)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/01/15 19:08 |
| L10      | 88     | (I1 or I2 or I3 or I4 or I5 or I6 or I7 or I8)   | US-PGPUB           | OR                  | ON      | 2009/01/15 19:08 |
| L11      | 50     | (I1 or I2 or I3 or I4 or I5 or I6 or I7 or I8) and "715"/\$.ccls.  | US-PGPUB           | OR                  | ON      | 2009/01/15 19:09 |
| L12      | 10     | (I1 or I2 or I3 or I4 or I5 or I6 or I7 or I8)<br>and ("715"/853.ccls. or 715/734.ccls.)                     | US-PGPUB           | OR                  | ON      | 2009/01/15 19:09 |
| L13      | 312    | 715/853.cds.   | US-PGPUB           | OR                  | ON      | 2009/01/15 19:10 |
| L14      | 148    | 715/734.cds.   | US-PGPUB           | OR                  | ON      | 2009/01/15 19:10 |
| S10      | 74     | compiler memory-allocation arrays  | US-PGPUB;<br>USPAT | AND                 | ON      | 2007/01/25 11:37 |
| S13      | 1      | "20030126265".pn.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/01/11 10:04 |
| S14      | 1      | "5572724".pn.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/01/11 10:03 |
| S18      | 1      | "6226675".pn.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/01/25 11:47 |
| S19      | 1      | "6912587".pn.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/01/11 15:27 |
| S20      | 1      | "6226675".pn.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/01/25 15:37 |
| S21      | 193567 | network management   | US-PGPUB;<br>USPAT | AND                 | ON      | 2007/01/17 11:24 |
| S22      | 11757  | network management and grids   | US-PGPUB;<br>USPAT | AND                 | ON      | 2007/01/17 11:25 |

| S23         | 188434  | grids  | US-PGPUB;<br>USPAT | AND | ON | 2007/01/17 11:24 |
|-------------|---------|--|--------------------|-----|----|------------------|
| S24         | 11757   | S21 and S22  | US-PGPUB;<br>USPAT | AND | ON | 2007/01/17 11:24 |
| S25         | 6467    | grid manager   | US-PGPUB;<br>USPAT | AND | ON | 2007/01/17 11:25 |
| S26         | 11757   | S21 and S22 and S23  | US-PGPUB;<br>USPAT | AND | ON | 2007/01/17 11:24 |
| S27         | 58      | "6502131"  | US-PGPUB;<br>USPAT | AND | ON | 2007/05/29 16:26 |
| S28         | 0       | "6502131.pn."  | US-PGPUB;<br>USPAT | AND | ON | 2007/01/23 17:22 |
| S29         | 0       | "706377".prn.  | US-PGPUB;<br>USPAT | AND | ON | 2007/01/25 11:37 |
| <b>S</b> 30 | 0       | "706377".pran.   | US-PGPUB;<br>USPAT | AND | ON | 2007/01/25 11:37 |
| S31         | 0       | "10706377".pran.   | US-PGPUB;<br>USPAT | AND | ON | 2007/01/25 11:38 |
| S32         | 1       | "6976258".pn.  | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 11:43 |
| 833         | 0       | "10706377"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 11:47 |
| S34         | 0       | "10706377"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 11:47 |
| \$35        | 1       | "10/706377"  | US-PGPUB;<br>USPAT | OR  | ON | 2007/09/27 15:58 |
| S36         | 0       | "distributed system and network"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 11:50 |
| S37         | 14770   | "distributed system "  | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 11:50 |
| S38         | 0       | "distributed system and grids"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 11:50 |
| S39         | 0       | "distributed system and hierarch"  | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 15:02 |
| S40         | 1095291 | integrated computing system and hierarch                                 | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 15:02 |
| S41         | 1115045 | integrated computing system and hierarchy                                | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 15:03 |
| S42         | 1095238 | integrated computing system and hierarchy and bottlenecking              | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 15:05 |
| S43         | 1095236 | integrated computing system and hierarchy and bottlenecking and networks | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 15:03 |
| S44         | 1095236 | integrated computing system and hierarchy and bottlenecking and networks | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/25 15:11 |

|     |         |  | -                            |    |     |                  |
|-----|---------|--|------------------------------|----|-----|------------------|
| S45 | 1257011 | integrated computing system and hierarchy<br>and bottlenecking and network<br>management | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/25 15:16 |
| S46 | 1       | ("7124062").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/01/25 15:24 |
| S47 | 3       | ("5440722"   "6256740"   "6826568").PN.<br>OR ("7124062").URPN.                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/25 15:29 |
| S48 | 28475   | (grid computing) and hierarchy   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/25 15:30 |
| S49 | 213     | (grid adj computing) and hierarchy   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/25 15:30 |
| S50 | 0       | "10706377"   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/25 15:38 |
| S51 | 1       | "10/706377"  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/25 17:15 |
| S52 | 2       | "10/749754"  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/25 17:15 |
| S53 | 0       | "10\469744"  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 14:43 |
| S54 | 0       | "10469744"   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 14:43 |
| S55 | 1       | "10/469744"  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 16:48 |
| S56 | 1       | "10/966961"  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 14:46 |
| S57 | 2       | "10/749754"  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 17:31 |
| S58 | 0       | "65021312.pn."   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 17:31 |
| S59 | 0       | "65021312.pan."  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 17:31 |
| S60 | 0       | "6502131.pan."   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 17:31 |
| S61 | 0       | "6502131.pn."  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 17:31 |
| S62 | 58      | "6502131"  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 17:49 |
| S63 | 504842  | minimizable window   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/29 17:49 |
| S64 | 0       | "10706377"   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/30 11:19 |
| S65 | 1       | "10/706377"  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/30 11:19 |

|     |       | LAST Search   | i iistoi y         |     |    |                  |
|-----|-------|---|--------------------|-----|----|------------------|
| S66 | 0     | "10\706377"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/31 10:40 |
| S67 | 1     | "10/706377"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/31 14:49 |
| S68 | 98150 | microsoft excel   | US-PGPUB;<br>USPAT | OR  | ON | 2007/01/31 14:49 |
| S69 | 0     | "10\706377"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 10:13 |
| S70 | 1     | "10/706377"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 15:19 |
| S71 | 85    | gui and (columns with rows) and (edge with (vertex or vertices))    | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 14:39 |
| S72 | 1     | gui with ((columns with rows) and (edge with (vertex or vertices))) | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 13:49 |
| S73 | 204   | gui with ((columns with rows) or (edge with (vertex or vertices)))  | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 13:49 |
| S74 | 85    | gui and (columns with rows) and (edge with (vertex or vertices))    | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 14:40 |
| S76 | 85    | gui and (columns with rows) and (edge with (vertex or vertices))    | US-PGPUB;<br>USPAT | AND | ON | 2007/02/01 14:40 |
| S76 | 1     | "10/712886"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 17:11 |
| S77 | 1     | "6826568".pn.   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 17:13 |
| S78 | 1     | "6256740".pn.   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 18:11 |
| S79 | 55    | gephart.in.   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 18:13 |
| S80 | 149   | gebhart.in.   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 18:13 |
| S81 | 39115 | gebhart, alexander.in.  | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 18:13 |
| S82 | 31    | (gebhart and alexander).in.   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/01 18:13 |
| S83 | 0     | "10706/377"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/02 10:02 |
| S84 | 1     | "10/706377"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/02 10:04 |
| S85 | 1     | "10/712866"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/02 10:07 |
| S86 | 1     | "10/712886"   | US-PGPUB;<br>USPAT | OR  | ON | 2007/02/02 10:07 |
| S87 | 29    | "6256740"   | US-PGPUB;<br>USPAT | AND | ON | 2007/05/29 16:26 |
| S88 | 433   | 715/514.ccls.   | US-PGPUB;<br>USPAT | OR  | ON | 2007/07/03 16:41 |
|     |       |   |                    |     |    |                  |

|          |       | LAST Search   | iistoi y           |    |     |                  |
|----------|-------|---|--------------------|----|-----|------------------|
| S89      | 0     | edge\$1 and (vertex or vertices) same (hierach) and (grid same computing)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/07/03 16:41 |
| S90      | 346   | edge\$1 and (vertex or vertices) and (grid same computing)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/07/03 16:42 |
| S91      | 0     | S88 and S90   | US-PGPUB;<br>USPAT | OR | ON  | 2007/07/03 16:41 |
| S92      | 0     | (grid with comput\$3 with network) and (hierarch near service)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/25 16:35 |
| S93      | 0     | (grid with comput\$3) and (hierarch near service)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/25 16:35 |
| S94      | 0     | (grid with computing) and (hierarch near service)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/25 16:36 |
| S95      | 150   | (grid with (comput\$3 or network)) and (hierarch\$4 with service)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/25 16:36 |
| S96      | 8     | (grid with (comput\$3 or network)) and (hierarch\$4 with service) and "715"/\$.ccls.                                | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/25 16:37 |
| S97      | 1     | ("5502640").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/26 14:35 |
| S99      | 11930 | parallel with processing and hierarch\$   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:35 |
| S99      | 11565 | parallel with processing and hierarch\$4  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:36 |
| S10<br>0 | 6200  | parallel with processing and hierarch\$4 and stor\$3 and service  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:36 |
| S10<br>1 | 358   | parallel with processing and hierarch\$4 and stor\$3 and service and "715"/\$.ccls.                                 | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:37 |
| S10<br>2 | 247   | parallel with processing and hierarch\$4 and stor\$3 and service and nodes and "715"/\$. ccls.                      | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:37 |
| S10<br>3 | 2     | parallel with processing and hierarch\$4 and stor\$3 and service and nodes and (root\$node) and "715"/\$.ccls.      | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:39 |
| S10<br>4 | 37    | parallel with processing and hierarch\$4 and stor\$3 and service and nodes and grid and "715"/\$.ccls.              | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:43 |
| S10<br>5 | 81    | parallel with processing and hierarch\$4 and stor\$3 and (service or servers) and nodes and grid and "715"/\$.ccls. | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:46 |
| S10<br>6 | 81    | parallel with processing and hierarch\$4 and stor\$3 and (servers) and nodes and grid and "715"/\$.ccls.            | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:46 |
| S10<br>7 | 1     | (parallel with processing) and (hierarch\$4 with servers) and stor\$3 and nodes and grid and "715"/\$.cds.          | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:51 |
| S10<br>8 | 4     | (parallel with processing) and (hierarch\$4 with service) and stor\$3 and nodes and grid and "715"/\$.ccls.         | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:57 |
|          |       |   |                    |    |     |                  |

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|----------|------|---|--------------------|----|-----|------------------|
| S10<br>9 | 15   | (distributed with computing) and (hierarch\$4 with service) and stor\$3 and nodes and grid and "715"/\$.ccls. | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 14:58 |
| S11<br>0 | 5    | (distributed with computing) and (hierarch\$4 with server) and stor\$3 and nodes and grid and "715"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 15:08 |
| S11      | 6432 | hierarch\$4 with server   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 15:08 |
| S11<br>2 | 310  | (hierarch\$4 with server) and node and "715"/\$.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 15:09 |
| S11<br>3 | 262  | (hierarch\$4 with server) and node and store and "715"/\$.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 15:11 |
| S11<br>4 | 9    | (hierarch\$4 with server) and node and store and "715"/733\$.cds.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 15:28 |
| S11<br>5 | 1    | ("6628304").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/26 15:32 |
| S11<br>6 | 1    | ("6850255").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/26 15:33 |
| S11<br>7 | 1    | ("6801949").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/26 15:32 |
| S11      | 2782 | nodes with (service or server) and "715"/\$. ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 16:50 |
| S11      | 73   | hierarch\$4 with nodes with (service or server) and "715"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 16:50 |
| S12<br>0 | 60   | hierarch\$4 with nodes with (service or server) and root and "715"/\$.ccls.                                   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/26 16:51 |
| S12      | 32   | hierarch\$4 with nodes with (service or server) and root and "715"/\$.ccls.                                   | USPAT              | OR | ON  | 2007/09/26 16:57 |
| S12<br>2 | 17   | hierarch\$4 with nodes with (server) and root and "715"/\$.ccls.  | USPAT              | OR | ON  | 2007/09/26 17:23 |
| S12      | 16   | grid with nodes and service and "715"/\$. ccls.   | USPAT              | OR | ON  | 2007/09/26 17:35 |
| S12<br>4 | 8158 | grid with nodes awith service and "715"/\$. ccls.   | USPAT              | OR | ON  | 2007/09/26 17:23 |
| S12<br>5 | 0    | grid with nodes with service and "715"/\$. ccls.  | USPAT              | OR | ON  | 2007/09/26 17:23 |
| S12      | 1    | ("6256740").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/26 17:35 |
| S12<br>7 | 1    | ("6256740").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/27 14:48 |
| S12<br>8 | 18   | grid with manager with hierarch\$4  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:08 |
| S12<br>9 | 0    | grid with manager with hierarch\$4 and "715"/\$.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 14:48 |
| S13<br>0 | 12   | hierarch with nodes   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:09 |

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|----------|-------|---|--------------------|----|-----|------------------|
| S13      | 1     | hierarch with network near node                                     | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:10 |
| S13<br>2 | 1     | hierarch with network near3 node                                    | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:10 |
| S13<br>3 | 5     | hierarch with network and node                                      | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:10 |
| S13<br>4 | 10316 | hierarch\$4 with network and node                                   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:10 |
| S13<br>5 | 2482  | hierarch\$4 with network with node                                  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:10 |
| S13<br>6 | 87    | hierarch\$4 with network with node and "715"/\$.ccls.               | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:17 |
| S13<br>7 | 0     | hierarch\$4 with (grid\$network) with node and "715"/\$.ccls.       | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:11 |
| S13<br>8 | 0     | hierarch\$4 with (grid with network) with node and "715"/\$.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:11 |
| S13<br>9 | 0     | hierarch\$4 with (distributed\$network) with node and "715"/\$.cds. | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:11 |
| S14<br>0 | 491   | grid with manager   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:17 |
| S14<br>1 | 71    | grid with manager with computer                                     | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:17 |
| S14<br>2 | 32382 | grid with manager with computer anf "715"/\$.ccls.                  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:17 |
| S14<br>3 | 5     | grid with manager with computer and "715"/\$.ccls.                  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:19 |
| S14<br>4 | 67    | grid with manager and "715"/\$.ccls.                                | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:22 |
| S14<br>5 | 421   | grid with manager and network                                       | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:22 |
| S14<br>6 | 59    | grid with manager and network and "715"/\$.ccls.                    | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:23 |
| S14<br>7 | 0     | grid with manager near network and "715"/\$.ccls.                   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:22 |
| S14<br>8 | 0     | grid with manager near3 network and "715"/\$.ccls.                  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:22 |
| S14<br>9 | 4     | grid with manager same network and "715"/\$.ccls.                   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:22 |
| S15<br>0 | 2     | grid with manager and network and "715"/733.cds.                    | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:24 |
| S15<br>1 | 1     | grid with management and network and "715"/733.cds.                 | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:48 |
| S15<br>2 | 1     | ("6502131").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/27 17:51 |
| S15<br>3 | 4     | sub\$view with network  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/27 15:58 |

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|-------|---|--|--|--|---|
| 2636  | (minimize or hide or shrink) with labels  | US-PGPUB;<br>USPAT   | OR   | ON   | 2007/09/27 17:52                                      |
| 72    | (minimize or hide or shrink) with labels and "715"/\$.ccls.                         | US-PGPUB;<br>USPAT   | OR   | ON   | 2007/09/27 17:54                                      |
| 1     | (minimize or hide or shrink) with labels and "715"/733.cds.                         | US-PGPUB;<br>USPAT   | OR   | ON   | 2007/09/27 17:52                                      |
| 48    | (minimize or hide or shrink) with headers and "715"/\$.ccls.                        | US-PGPUB;<br>USPAT   | OR   | ON   | 2007/09/27 18:03                                      |
| 0     | (minimize or hide or shrink) with headers and "715"/733.ccls.                       | US-PGPUB;<br>USPAT   | OR   | ON   | 2007/09/27 17:54                                      |
| 521   | network with (grid with nodes)  | US-PGPUB;<br>USPAT   | OR   | ON   | 2007/09/27 18:03                                      |
| 14    | network with (grid with nodes) and "715"/\$.ccls.                                   | US-PGPUB;<br>USPAT   | OR   | ON   | 2007/09/27 18:03                                      |
| 1     | ("6502131").PN.   | US-PGPUB;<br>USPAT   | OR   | OFF  | 2008/03/08 19:04                                      |
| 691   | column with represent with node   | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/03/08 19:05                                      |
| 37    | column with represent with node with network  | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/03/08 19:06                                      |
| 0     | column with represent with node with network and "715"/\$.ccls.                     | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/03/08 19:06                                      |
| •     | ("5659694").PN.   | US-PGPUB;<br>USPAT   | OR   | OFF  | 2008/04/04 20:22                                      |
| 1     | ("6061505").PN.   | US-PGPUB;<br>USPAT   | OR   | OFF  | 2008/04/04 20:27                                      |
| 1     | ("5276789").PN.   | US-PGPUB;<br>USPAT   | OR   | OFF  | 2008/04/09 19:47                                      |
| 1     | ("6502131").PN.   | US-PGPUB;<br>USPAT   | OR   | OFF  | 2008/07/11 10:02                                      |
| 1     | 2004/0268147  | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/07/11 10:03                                      |
| 1     | ("5276789").PN.   | US-PGPUB;<br>USPAT   | OR   | OFF  | 2008/07/11 10:04                                      |
| 26627 | network with (graph or GUI or chart)  | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/10/06 13:42                                      |
| 323   | network with (graph or GUI or chart)with hierarch\$4                                | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/10/06 13:42                                      |
| 323   | network with (graph or GUI or chart) with hierarch\$4                               | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/10/06 13:42                                      |
| 59    | network with (graph or GUI or chart) with hierarch\$4 and "715"/\$.cds.             | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/10/06 13:42                                      |
| 4     | network with (graph or GUI or chart) with hierarch\$4 same query and "715"/\$.ccls. | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/10/06 13:43                                      |
| 7     | network same (graph or GUI or chart) with hierarch\$4 same query and "715"/\$.ccls. | US-PGPUB;<br>USPAT   | OR   | ON   | 2008/10/06 13:52                                      |
|       | 72 1 48 0 521 14 1 691 37 0 1 1 1 1 26627 323 323 59                                | (minimize or hide or shrink) with labels and "715"/\$.cols.  (minimize or hide or shrink) with labels and "715"/\$.cols.  (minimize or hide or shrink) with headers and "715"/\$.cols.  (minimize or hide or shrink) with headers and "715"/\$.cols.  (minimize or hide or shrink) with headers and "715"/733.cols.  the network with (grid with nodes)  14 network with (grid with nodes) and "715"/\$.cols.  ("6502131").PN.  691 column with represent with node with network  column with represent with node with network and "715"/\$.cols.  ("5659694").PN.  ("6661505").PN.  ("6502131").PN.  ("6502131").PN.  1 ("6502131").PN.  1 ("5276789").PN.  1 ("5276789").PN.  26627 network with (graph or GUI or chart) with hierarch\$4  323 network with (graph or GUI or chart) with hierarch\$4 and "715"/\$.cols.  4 network with (graph or GUI or chart) with hierarch\$4 and "715"/\$.cols.  7 network with (graph or GUI or chart) with hierarch\$4 same query and "715"/\$.cols. | 72 (minimize or hide or shrink) with labels and US-PGPUB; US-PAT 1 (minimize or hide or shrink) with labels and US-PGPUB; US-PAT 1 (minimize or hide or shrink) with labels and US-PGPUB; US-PAT 1 (minimize or hide or shrink) with headers and "715"/53.cds. US-PGPUB; US-PAT 1 (minimize or hide or shrink) with headers and "715"/53.cds. US-PGPUB; US-PAT 1 (minimize or hide or shrink) with headers and "715"/53.cds. US-PGPUB; US-PAT 1 (minimize or hide or shrink) with headers and "715"/5.cds. US-PGPUB; US-PAT 1 (minimize or hide or shrink) with headers uS-PGPUB; US-PAT 1 (minimize or hide or shrink) with headers and "715"/5.cds. US-PGPUB; US-PAT 1 (minimize or hide or shrink) with nodes) uS-PGPUB; US-PAT 1 (minimize or hide or with node uS-PGPUB; US-PAT 1 (minimize or hide or with node with network and "715"/5.cds. US-PGPUB; US-PAT 1 (minimize or hide or minimize or hide or with node with network and "715"/5.cds. US-PGPUB; US-PAT 1 (minimize or hide o | 72 (minimize or hide or shrink) with labels and USPAT V715"/S.cols.  1 (minimize or hide or shrink) with labels and USPAT USPAT V715"/S.3cols.  48 (minimize or hide or shrink) with headers and "715"/S.cols.  49 (minimize or hide or shrink) with headers and "715"/S.cols.  40 (minimize or hide or shrink) with headers and "715"/S.cols.  51 (minimize or hide or shrink) with headers uSPAT USPAPUB; OR USPAT USPAPUB; OR USPAT USP | 72 (minimize or hide or shrink) with labels and USPAT |

|          |    |  | -                  |    |     |                  |
|----------|----|--|--------------------|----|-----|------------------|
| S17<br>7 | 0  | 66283-04.pn. and (quer\$3 and resource)  | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 13:59 |
| S17<br>8 | 0  | "6628304".pn. and (quer\$3 and resource)   | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 13:59 |
| S17<br>9 | 1  | "6628304".pn. and (quer\$3 or resource)  | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 13:59 |
| S18<br>0 | 0  | grid near network same (graph or GUI or chart) with hierarch\$4 same query and "715"/\$.ccls.                          | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:04 |
| S18<br>1 | 0  | grid near network same (graph or GUI or chart) with hierarch\$4 same query   | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:04 |
| S18<br>2 | 0  | grid near network same ((graph or GUI or chart) with hierarch\$4) same query   | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:04 |
| S18<br>3 | 0  | grid near network same ((graph or GUI or chart) with hierarch\$4)  | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:05 |
| S18<br>4 | 0  | (grid near network) same ((graph or GUI or chart) with hierarch\$4)  | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:05 |
| S18<br>5 | 0  | (grid near3 network) same ((graph or GUI or chart) with hierarch\$4)   | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:06 |
| S18<br>6 | 1  | (grid near3 network) same ((graph or GUI or chart or interface) with hierarch\$4)                                      | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:06 |
| S18<br>7 | 54 | (grid near3 network) and ((graph or GUI or chart or interface) with hierarch\$4)                                       | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:09 |
| S18<br>8 | 54 | (grid near3 network) and ((graph or GUI or chart or interface) with hierarch\$4) not (S176 or S174)                    | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:10 |
| S18<br>9 | 1  | (grid near3 network) and ((graph or GUI or chart or interface) with hierarch\$4) not (S176 or S174) and "715"/\$.ccls. | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/06 14:10 |
| S19<br>0 | 1  | ("6628304").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2008/10/09 00:00 |
| S19<br>1 | 1  | "20010054034"  | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/10 02:43 |
|          |    |  |                    |    |     |                  |

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